

December 4, 1979

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION
BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)
LONG ISLAND LIGHTING COMPANY) Docket No. 50-322
(Shoreham Nuclear Power Station,)
Unit 1))

NRC STAFF RESPONSE TO THE
ATOMIC SAFETY AND LICENSING BOARD
MEMORANDUM OF NOVEMBER 16, 1979

On November 2, 1979, the Applicant, the County of Suffolk and the NRC Staff, entered into a "Second Stipulation Regarding Certain Suffolk County Contentions". In its Memorandum of November 16, 1979, the Atomic Safety and Licensing Board raised certain questions concerning the portion of the Stipulation dealing with reactor coolant system leakage. The paragraph of the Stipulation of interest to the Board including the relevant footnote is set out below:

Reactor coolant system leakage shall be limited to (a) no pressure boundary leakage, (b) 5 gpm UNIDENTIFIED leakage, (c) 25 gpm total leakage averaged over a 24-hour period, and (d) a 2 gpm INCREASE in UNIDENTIFIED leakage within any 4-hour period. If reactor coolant system leakage is greater than limit (a) above, then the plant shall be in hot shutdown within 12 hours and in cold shutdown within the next 24 hours. If reactor coolant system leakage is greater than limit (b) or (c) above, then the leakage rate shall be reduced to within the limit within 8 hours after the exceedance of the limit becomes apparent, or the plant shall be in hot shutdown within the next 12 hours and in cold shutdown within the following 24 hours.

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If reactor coolant system leakage is greater than limit (d) above, then the leakage must be identified within 4 hours after the exceedance becomes apparent, or the plant shall be in hot shutdown within the next 12 hours and in cold shutdown within the following 24 hours.

2/ The NRC Staff views these conditions as applying solely to the Applicant and County. The Staff reserves the right to impose additional requirements on operational leakage through the Shoreham technical specifications.

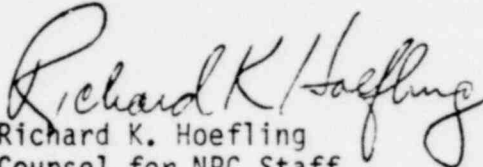
The Board desired an explanation from the parties regarding this portion of the Stipulation. Specifically, the Board asked whether the paragraph set out above would be incorporated into the Shoreham technical specifications. The Board also inquired as to the meaning of the first sentence of footnote 2.

The paragraph set out above represents an agreement reached between the Applicant and Suffolk County in the area of reactor coolant system leakage. Conditions in this area were originally proposed by the County and, after the discussions between the County and the Applicant, the conditions set forth in the paragraph were agreed to by those two parties.

In response to the specific Board inquiries, the conditions set forth in the above-stated paragraph may be incorporated into the Shoreham technical specifications, but it can not be stated that this will, in fact, occur. The technical specifications have not been finalized for the Shoreham Facility. It is expected that technical specifications in the area of reactor coolant system leakage will be applied. It is possible that the technical specifications to be applied would be identical to the conditions

of the Stipulation. In this event, the conditions of the Stipulation would be incorporated into the technical specifications. However, by virtue of the Staff's reservation in footnote 2, the Staff could modify the technical specification without obtaining consent from the County of Suffolk. In the Staff's view, this reservation was necessary to permit the Staff, and ultimately the Commission, the greatest flexibility to impose any limiting conditions upon operations it deems necessary to protect the public health and safety.

Respectfully submitted,


Richard K. Hoefling
Counsel for NRC Staff

Dated at Bethesda, Maryland
this 4th day of December, 1979

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CERTIFICATE OF SERVICE

I hereby certify that copies of "NRC STAFF RESPONSE TO THE ATOMIC SAFETY AND LICENSING BOARD MEMORANDUM OF NOVEMBER 16, 1979" dated December 4, 1979, in the above-captioned proceeding, have been served on the following, by deposit in the United States mail, first class, or, as indicated by an asterisk through deposit in the Nuclear Regulatory Commission's internal mail system, this 4th day of December, 1979.

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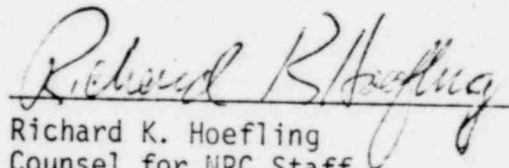
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